

CAL/EPA

ELECTRONIC WASTE FORUM



WEEE Directive

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WEEE Dir.-Objectives

- Prevention of WEEE
- Re-use, recycling and other recovery of WEEE to reduce disposal
- Improve environmental performance

WEEE Directive Scope

- Large household appliances
- Small household appliances
- IT and telecommunication equipment
- Consumer equipment
- Lighting equipment
- Electrical and electronic tools
- Toys, leisure and sports equipment
- Medical devices
- Monitoring and control instruments
- Automatic dispensers

WEEE Dir.-Product Design

■ Member States

- Encourage design and production to facilitate dismantling and recovery
- Ensure design features don't inhibit reuse and recycling
- Restrictions on Hazardous Substances
- electrical and electronic equipment

ROHS

- New EEE does not contain lead, mercury, cadmium, hexavalent chromium, PBB, or PBDE
- Establish maximum, tolerable concentration values
- Consider if elimination or substitution is technically and scientifically impracticable, or impacts environmentally unsound

WEEE Dir. - Separate Collection

- Member States shall ensure:
 - WEEE returned from private households free of charge, including distributor take back
 - Producers (or TPO) provide for collection
 - WEEE collected is transferred to authorized treatment facilities
 - Minimum rate of separate collection of 4 kg/inhabitant/year from private households

WEEE Dir. - Treatment

- Producers (or TPO) to provide for treatment of WEEE
- Permit
- Inspection-once a year
 - Type and quantities of waste
 - General technical requirements
 - Safety precautions

WEEE Dir.-Recovery

- Producers (or TPO) to provide for recovery of separately collected WEEE- individual or collectively
- Priority to be given to re-use
- By 12/31/06
 - Rate of component, material and substance re-use and recycling minimum set
- Reporting

WEEE Dir.-Financing

- Producers provide for financing of collection, treatment, recovery and disposal for users
- Each producer responsible for new products-individually or collectively
- Historic waste-responsibility of all producers
- Producer supplying by “distance communication” also responsible

WEEE Dir.-Public Information

- Member States responsible for educating consumers about
 - Collection
 - Responsibility
 - Potential impacts
 - Labeling implications
- Producers responsible for label denoting separate collection requirement

EU-Current Status

- Member States-1 ½ years to adopt WEEE Directive
- Many Member States have adopted some type of legislation ranging from ARF (visible and invisible), EOL, mandatory take back
- 11 countries have mandatory electronics recovery laws

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**[www.dtsc.ca.gov/electronic
hazardous waste](http://www.dtsc.ca.gov/electronic_hazardous_waste)**

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